FIG. 86.—Neuration of the genus *Colaenis*

protected species, which abound in the regions in which the genus attains its greatest development The median vein in the upper wing is characterized by the presence at the base of a minute, thorn-like, external projection; the second subcostal nervule is emitted beyond the cell; the cell of the hind wing is open.

The life-history of the two species found within our fauna has not as yet been carefully worked out, and aside from a knowledge of the fact that the caterpillars closely resemble in many respects the caterpillars of the two succeeding genera, being provided with branching spines on their bodies, we do not know as yet enough to give any complete account of the early stages of these insects.

(1) Colaenis julia, Fabricius, Plate VIII, Fig. 6, a (Julia).

The upper side is dark reddish-orange, the borders are black, a black band extends from the costa at the end of the cell to the outer margin on the line of the third median nervule; the costal area on the hind wings is silver-gray; the wings on the under side are pale rusty-red, mottled with a few darker spots, principally on the costa, at the end of the cell, and at the apex of the primaries. There are a few crimson marks at the base of the hind wings, and two light-colored lunules near the inner angle of the hind wings. Expanse of wing, 3.50 inches.

This butterfly, which mimics the genus *Heliconius* in the outline of the wings, is very common in the tropics of America, and only appears as an occasional visitant in southern Texas.

(2) Colaenis delila, Fabricius, Plate VIII, Fig. 4, ♀ (Delila).

The Delila Butterfly very closely resembles Julia, and princi-

pally differs in being paler in color and without the black band extending from the costa to the outer margin of the primaries.

This species has nearly the same form and the same size as the preceding, and, like it, is occasionally found in southern Texas.

It is very common in Central America and the West Indies. One of the earliest memories of my childhood relates to a collection of Jamaican butterflies in which were a number of specimens of this butterfly, which I have always much admired.